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Complete if Known

Application Number 09/780,962

Filing Date February 9, 2001

First Named Inventor Eric James Reed

(Use as many sheets as necessary)

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Application Number 09/780,962

Filing Date February 9, 2001

First Named Inventor Eric James Reed

Art Unit 2154

Examiner Name Mohammad A. Siddiqui

Attorney Docket Number 085804 019800

			U. S. PATENT	DOCUMENTS	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not bildion is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

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Complete if Known Substitute for form 1449A/PTO 09/780,962 **Application Number** INFORMATION DISCLOSURE Filing Date February 9, 2001 STATEMENT BY APPLICANT First Named Inventor Eric James Reed Art Unit 2154 **Examiner Name** Mohammad A. Siddiqui (Use as many sheets as necessary) 085804 . 019800 -2-Attorney Docket Number Sheet

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Complete if Known Substitute for form 1449A/PTO **Application Number** 09/780,962 INFORMATION DISCLOSURE Filing Date February 9, 2001 STATEMENT BY APPLICANT First Named Inventor Eric James Reed Art Unit 2154 **Examiner Name** Mohammad A. Siddiqui (Use as many sheets as necessary) -4-085804 . 019800 -17-Attorney Docket Number Sheet

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Sı	Substitute for form 1449A/PTO		Complete if Known			
			Application Number	09/780,962		
11	NFORMATION DISC	CLOSURE	Filing Date	February 9, 2001		
5	STATEMENT BY AP	PLICANT	First Named Inventor	Eric James Reed		
			Art Unit	2154		
	(Use as many sheets as nec	cessary)	Examiner Name	Mohammad A. Siddiqui		
Sheet	-5-	of -17-	Attorney Docket Number	085804 . 019800		

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					Application Number	09/780,962 February 9, 2001		
ł	INFORMATI	ON DISC	CLC	SURE	Filing Date			
	STATEMENT BY APPLICANT			ICANT	First Named Inventor	Eric James Reed		
					Art Unit	2154		
(Use as many sheets as necessary)				·)	Examiner Name	Mohammad A. Siddiqui		
Sheet	-6-	`	of	-17-	Attorney Docket Number	085804 . 019800		

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Examiner Signature M. A. S. College Considered Consider

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			U. S. PATENT	DOCUMENTS	•
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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7		us-6,438,579	08.20.2002	Benjamin F. Hosken	
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1		us-6,505,203	01.07.2003	Kenneth L. Levy	
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		Cite Foreign Patent Document	Cite Foreign Patent Document Publication Date MM-DD-YYYY	Cite Foreign Patent Document Publication Date Name of Patentee or Applicant of Cited Document	Cite Foreign Patent Document Publication Date Name of Patentee or Pages, Columns, Lines, MM-DD-YYYY Applicant of Cited Document Where Relevant Passages			

Examiner Date Signature Considered

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	Cite Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	Number-Kind Code <sup>2 (d known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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	No.'	Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document					
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085804 . 019800 -10-Attorney Docket Number Sheet

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Substitute fo	r form 1449A/PTO		Co	Complete if Known		
			Application Number	09/780,962		
INFOR	RMATION DISC	LOSURE	Filing Date	February 9, 2001		
STAT	EMENT BY AP	PLICANT	First Named Inventor	Eric James Reed		
			Art Unit	2154		
	(Use as many sheets as nece	essary)	Examiner Name	Mohammad A. Siddiqui		
Sheet -11-		of -17-	Attorney Docket Number	085804 . 019800		

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	Date				Examiner				

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Substitute for form 1449B/PTO Complete if Known **Application Number** 09/780,962 INFORMATION DISCLOSURE Filing Date February 9, 2001 STATEMENT BY APPLICANT First Named Inventor Eric James Reed Art Unit 2154 (Use as many sheets as necessary) **Examiner Name** Mohammad A. Siddiqui Attorney Docket Number Sheet -12--17-085804 . 019800

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
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Substitute for form 1449B/PTO Complete if Known **Application Number** 09/780,962 INFORMATION DISCLOSURE Filing Date February 9, 2001 STATEMENT BY APPLICANT First Named Inventor Eric James Reed Art Unit 2154 (Use as many sheets as necessary) **Examiner Name** Mohammad A. Siddiqui Attorney Docket Number -17-085804 . 019800 Sheet -14-

,		NON PATENT LITERATURE DOCUMENTS	
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Examiner Signature	). A	1 d	de	Date Considered	04/2	3/07

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	Substitute for form 1449B/PTO			Complete if Known		
				Application Number	09/780,962	
	INFORMATION DISC	CLOS	URE	Filing Date	February 9, 2001	
	STATEMENT BY AP	PLIC	ANT	First Named Inventor	Eric James Reed	
	/// // // // // // // // // // // // //			Art Unit	2154	
	(Use as many sheets as nece	issary)		Examiner Name	Mohammad A. Siddiqui	
Sh	eet -15-	of	-17-	Attorney Docket Number	085804 . 019800	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
Mes		Karen Sparck Jones, "Search Term Relevance Weighting Given Little Relevance Information," pgs. 329-338, (originally located in Journal of Documentation, Vol. 35, No. 1; March 1979, pgs. 30 - 48)	
mas		Lauren B. Doyle, "Indexing and Abstracting by Association - Part 1," pgs. 25 - 38, Santa Monica, CA, Found in: Readings in Information Retrieval, Edited by Karen Sparck Jones and Peter Willett, Morgan Kaufmann Publishers, Inc., San Francisco, CA, 1997	
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MR		M. Agosti, G. Gradenigo, P.G. Marchetti, "A Hypertext Environment for Interacting with Large Textual Databases," pp. 469-477	
MA	> > &	M. F. Porter, "An Algorithm For Suffix Stripping," Computer Laboratory, Corn Exchange Street, Cambridge, 313-316	
MAS		M.E. Maron and J.L. Kuhns, "On Relevance, Probabilistic Indexing and Information Retrieval," pgs. 39 - 46, Found in: Readings in Information Retrieval, Edited by Karen Sparck Jones and Peter Willett, Morgan Kaufmann Publishers, Inc., San Francisco, CA, 1997	
MD		MusicMatch Literature downloaded from web.archive.org - 7 pages total	
MAS		N.J. Belkin, R.N. Oddy, H.M. Brooks, "The Journal of Documentation", pp. 299-304, Volume 38, Number 2, June 1982	

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Examiner Signature	M.	A A	1 dd		Date Considered	04/23/0	>

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Substitute for form 1449B/PTO Complete if Known Application Number 09/780,962 INFORMATION DISCLOSURE Filing Date February 9, 2001 STATEMENT BY APPLICANT First Named Inventor Eric James Reed Art Unit 2154 (Use as many sheets as necessary) Examiner Name Mohammad A. Siddiqui Sheet -16--17-Attorney Docket Number 085804 . 019800

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
· .		RealNetworks Literature downloaded from web.archive.org - 16 pages total	
MAS		R. Brody, Ph.D., "The Conditions and Consequences of Profiling in Commercial and Governmental Settings," Technology And Society, 1998. ISTAS 98. Wiring The World: T Impact Of Information Technology On Society, Proceedings of the 1998 International Symposium on South Bend, IN, USA 12-13 June 1998, NY, NY, USA, IEEE, US, 12 June 1998 (1998-06-12), pp. 148-154, XP010291443, ISBN: 0-7803-4327-1 *the whole document*	
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		Tej Shah, "Improving Electronic Commerce Through Gathering Customer Data", TCC402 [online] 23 April 1998 (1998-04-23) XP002379874, University of Virginia, USA, Retrieved from the Internet: <url:http: www.lib.virginia.edu=""> [Retrieved on 2006-05-08] *the whole document*</url:http:>	
		Thomas Hoffman, et al., "Latent Class Models For Collaborative Filtering", Proceedings Of The Sixteenth International Joint Conference On Artificial Intelligence, IJCAI 99, Stockholm, Sweden, July 31 -August 6,1999, Online! pages 688-693, XPOO2279578, Retrieved from the Internet <url:http: (th="" avww.cs.brown.edu="" hofmannpuzicha-ijca199.pdf="" papers="">, retrieved on May 7, 2004</url:http:>	
MA		Tomek Strzalkowski, "Robust Text Processing in Automated Information Retrieval," Courant Institute of Mathematical Sciences, pgs. 317 - 322	

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Subst	itute for form 1449B/PTO			Complete if Known		
				Application Number	09/780,962	
INF	FORMATION DIS	CLOS	URE	Filing Date	February 9, 2001	
ST	ATEMENT BY AF	PLIC	ANT	First Named Inventor	Eric James Reed	
				Art Unit	2154	
	(Use as many sheets as nec	essary)		Examiner Name	Mohammad A. Siddiqui	
Sheet	-17-	of	-17-	Attorney Docket Number	085804 . 019800	

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ner Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	Unjung Nam, Lectures: "Mel-Frequency Cepstral Analysis," [online] [retrieved on 2001-02-02] Retrieved from the Internet <url:http: mfcc.html="" mylec="" www.ccrma.standford.edu="" ~unjung="">, pp. 1-3</url:http:>		
	W. B. Croft and D. J. Harper, "Using Probabilistic Models of Document Retrieval Without Relevance Information," Department of Computer & Information Science, University of Massachusetts, pgs. 339 - 344	-	
	W. J. Hutchins, "The Concept of 'Aboutness' in Subject Indexing," presented April 18, 1977, Chapter 3 - Key Concepts, pgs. 93 - 97, Found in: Readings in Information Retrieval, Edited by Karen Sparck Jones and Peter Willett, Morgan Kaufmann Publishers, Inc., San Francisco, CA, 1997		
		Cite No.1  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  Unjung Nam, Lectures: "Mel-Frequency Cepstral Analysis," [online] [retrieved on 2001-02-02] Retrieved from the Internet <url:http: mfcc.html="" mylec="" www.ccrma.standford.edu="" ~unjung="">, pp. 1-3  W. B. Croft and D. J. Harper, "Using Probabilistic Models of Document Retrieval Without Relevance Information," Department of Computer &amp; Information Science, University of Massachusetts, pgs. 339 - 344  W. J. Hutchins, "The Concept of 'Aboutness' in Subject Indexing," presented April 18, 1977, Chapter 3 - Key Concepts, pgs. 93 - 97, Found in: Readings in Information Retrieval, Edited by Karen Sparck Jones and Peter Willett, Morgan Kaufmann Publishers, Inc., San</url:http:>	

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Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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<u>of 1</u>

Complete if Known				
Application Number	09/780,962			
Filing Date	February 9, 2001			
First Named Inventor	Reed, et al.			
Art Unit	2154			
Examiner Name	M. Siddiqui			
Attorney Docket Number	085804 010401			

Examiner (	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	NO.	Number-Kind Code <sup>2 (# known)</sup>		Applicant of Olice Occurrent		
MAS		<sup>US-</sup> 6,226,618 B1	05-01-2001	Downs, et al.		
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		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>8</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
MAS		AU 763380	03-06-2000	International Business Machines Corp		
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